

## CLAIMS:

1. A method of caching data assets in a system (10) comprising at least one server (20) and at least one user device (50), each device (50) including a cache arrangement (120, 130, 140) comprising a plurality of caches (120, 130, 140) for storing requested data assets therein, the method including the steps of:
  - 5 (a) arranging for one or more data assets to be stored in a first memory of said at least one server (20) and data definitions corresponding to said one or more data assets in a second memory of said at least one server (20);
  - (b) arranging for said at least one server (20) to be responsive to one or more data requests from said at least one user device (50) by returning to said at least one user device
  - 10 (50) corresponding one or more requested data assets,wherein said one or more requested data assets are provided to said at least one user device (50) with associated data definitions for controlling storage and processing of said one or more requested data assets in said at least one user device (50), said at least one server (20) thereby being operable to at least partially control the cache arrangement (120, 130, 140) in said at least one device (50).
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2. A method according to Claim 1, wherein said plurality of caches (120, 130, 140) in each user device (50) are operable to store both requested assets and their associated definitions.
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3. A method according to Claim 1, wherein said plurality of caches (120, 130, 140) of said cache arrangement (120, 130, 140) are designated to be of mutually different temporal duration, and said definitions associated with said one or more requested data assets are interpretable within said at least one user device (50) to control storage of said one or
- 25 more requested data assets in appropriate corresponding said plurality of caches (120, 130, 140).
4. A method according to Claim 1, wherein said at least one user device (50) includes:

(a) content managing means (100) for interpreting requests and directing them to said at least one server (20) for enabling said at least one user device (50) to receive corresponding one or more requested data assets; and

(b) cache managing means (110) for directing said one or more requested data assets received from said content managing means (110) to appropriate said plurality of caches (120, 130, 140) depending on said definitions associated with said one or more requested data assets.

5. A method according to Claim 1 wherein, for each user device (50), said plurality of caches (120, 130, 140) comprises at least one read-once cache (140) arranged to store one or more requested data assets therein and to subsequently deliver said one or more requested assets a predetermined number of times therefrom after which said one or more requested data assets are deleted from said at least one read-once cache (140).

6. A method according to Claim 5, wherein said predetermined number of times corresponds to a single read prior to data asset deletion.

7. A method according to Claim 4, wherein each user device (50) further includes interfacing means (200) for interfacing between at least one operator (70) of said at least one user device (50) and at least one of said content managing means (100) and said cache managing means (110), said interfacing means (200):

(a) for conveying asset data requests from the operator (70) to said at least one of said content managing means (100) and said cache managing means (110) for subsequent processing therein; and

(b) for rendering and presenting to said at least one operator (70) said requested data assets retrieved from at least one of said cache arrangement (120, 130, 140) and directly from said at least one server (20).

8. A method according to Claim 7, wherein the interfacing means (200) is operable to provide a graphical interface to said at least one operator (70).

9. A method according to Claim 7, wherein the interfacing means (200) in combination with at least one of said content managing means (100) and said cache managing means (110) is operable to search said cache arrangement (120, 130, 140) for one

or more requested assets before seeking such one or more requested assets from said at least one server (20).

10. A method according to Claim 9, wherein said cache arrangement (120, 130,  
5 140) is firstly searched for said one or more requested assets and subsequently said at least one server (20) is searched when said cache arrangement (120, 130, 140) is devoid of said one or more requested assets.

11. A method according to Claim 9, wherein the cache arrangement (120, 130,  
10 140) is progressively searched from caches with temporally relatively shorter durations (140) to temporally relatively longer durations (120).

12. A method according to Claim 1, wherein said cache arrangement (120, 130,  
140) is preloaded with one or more initial data assets at initial start-up of its associated user  
15 device (50) to communicate with said at least one server (20), said one or more initial data assets being susceptible to being overwritten when said user device (50) is in communication with said at least one server (20).

13. A method according to Claim 1, wherein one or more of the data assets are  
20 identified by associated universal resource locators (URL).

14. A method according to any one of the preceding claims, wherein said system  
(10) is operable according to first, second and third phases wherein:

(a) the first phase is arranged to provide for data asset entry into said first and  
25 second memories (30, 40) of at least one server (20);

(b) the second phase is arranged to provide for content download from said at  
least one server (20) to said cache arrangement (120, 130, 140) of at least one user device  
(50); and

(c) the third phase is arranged to provide for content retrieval from at least one of  
30 said cache arrangement (120, 130, 140) of said at least one user device (50) and from said at least one server (20).

15. A system (10) for caching data assets, the system (10) comprising at least one  
server (20) and at least one user device (50), each device (50) including a cache arrangement

(120, 130, 140) comprising a plurality of caches (120, 130, 140) for storing requested data assets therein, the system (10) being arranged to be operable:

- (a) to store one or more data assets in a first memory of said at least one server (20) and data definitions corresponding to said one or more data assets in a second memory of said at least one server (20);
- (b) to arrange for said at least one server (20) to be responsive to one or more data requests from said at least one user device (50) by returning to said at least one user device (50) corresponding one or more requested data assets,  
wherein said one or more requested data assets are provided to said at least one user device (50) with associated data definitions for controlling storage and processing of said one or more requested data assets in said at least one user device (50), said at least one server (20) thereby being operable to at least partially control the cache arrangement (120, 130, 140) in said at least one device (50).